

From: [Coltrain, Katrina](#)
To: [Kady, Thomas](#)
Subject: Passive Gas Sampling
Date: Thursday, June 9, 2016 2:21:00 PM
Attachments: [Draft passive gas cost estimate confidential 6-9-16.xlsx](#)
[Beacon Survey Reports RI Final.pdf](#)
[x-PSG ETF.PDF](#)
[x-PSG Lorraine.pdf](#)
[x-PSG Wilcox.pdf](#)
[PGS East Tank Farm draft locations 6-9-16.pdf](#)
[PGS Lorraine draft locations 6-9-16.pdf](#)
[PGS wilcox draft locations 6-9-16.pdf](#)

Tom, please see the updated figures. Each dot represents a location for a sampler. The blank grid figures are also attached should you wish to create your own. Also attached is a rough estimate for cost. What I have presented is based on a total number of 229 sample locations, installation and retrieval, travel and equipment. The totals are pretty high and I expect they exceed the remaining dollars on the contract. I can see a reduction by eliminating sample locations which in-turn reduces labor/travel. However, as you will see, a reduction in location means a more critical review of the ROST/LIF. Tank 3 could be eliminated and that would save 17 location and perhaps 1 day (labor/travel).

Let's chat when you have time. Perhaps, you have other options.

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